

Route Development Plan Checklist

This checklist is a guide for preparation of Route Development Plans (RDP). This service objective and action strategies in the Washington Transportation Plan (WTP), in particular the Highway System Plan (HSP) elements, should form the basis for developments of the RDP. The function of the RDP is to further detail the vision of the SMTP and to define the timeframe for implementing improvements.

SECTION 1: Highway Location, Classification and Function

- ☐ Include a vicinity map that identifies route with begin and end mileposts of RDP section.
- ☐ Describe the type of travel that the route serves; e.g. commute trips, trucking, recreational, commercial access, etc.
- ☐ Identify route classifications for the following:
 - federal functional class (verify that classification is consistent with the route purpose);
 - NHS or non-NHS status;
 - Freight and Goods Transportation System (FGTS) status;
 - Access Control Classification.
- ☐ Describe the role of the route in the urban network and its effect on other interdependent network sections. Identify related transportation facilities, rail and bus terminal, park & ride lots, non-motorized facilities (both state-owned and other).
- ☐ Describe current land use and zoning within the RDP area.

SECTION 2: Description of Existing Facility

- ☐ Describe the configuration of existing lanes and shoulders. Provide MP locations where the number of lanes changes. Description should include widths and lane functions (GP, passing, HOV, etc.)
- ☐ Describe the horizontal and vertical alignment. Identify substandard geometric elements, such as: stopping sight distance, horizontal curvature, etc.
- ☐ Provide a comprehensive list of all bridges and structure that includes bridge #, MP location, length and weight, and status of bridge within the HSP Preservation program.
- ☐ List all existing traffic signals and any other significant traffic control features. Describe all intersections and existing channelization.

- ☐ Describe the terrain and roadside character. There are five roadside character descriptors: Forest, Open, Rural, Semi-Urban and Urban. Refer to "Roadside Supplement, Draft, Dec 1992: to LOD plan for more information.
- ☐ Describe the existing R/W within the RDP area.

SECTION 3: Present and Projected Operations Conditions

- ☐ Provide current traffic data and calculations to define existing and projected LOS by segment. Traffic projections are generally based on a 20 year target from date of RDP. Growth projections should be consistent with the HSP and Regional Transportation plans. Include traffic diagrams, design and analysis of studies, as necessary, to clarify and support traffic analysis.

SECTION 4: Route Improvements

MOBILITY

- ☐ Identify the HSP mobility service objective action strategies that are applicable to the route.
- ☐ Identify improvements that are needed in order to meet the mobility action strategies. For each improvement, describe in detail; added lanes, traffic signals, interchanges, bridges, right-of-way requirements, pedestrian and bike facilities, etc.
- ☐ Describe all TDM and TSM methods that are planned for the route corridor.
- ☐ Describe other improvements that may be desirable to the overall operation of the route or would not be required by the HSP or funded by DOT. In general, these would be improvements requested by stakeholders.
- ☐ Describe desirable access control and/or access purchase that would improve mobility and/or safety.
- ☐ Describe SMTP state-interest action strategies that may improve mobility within the route corridor. Examples include; increased transit & rail service, non-motorized improvements, increase in freight movement by rail, etc.

SAFETY

- ☐ Show all sections that have been targeted for accident prevention improvements (HAC's, HAL's) in the HSP.
- ☐ Show all sections that have been targeted for accident prevention improvements in the HSP (Roadside risk, removal of at-grade intersections, signal & channelization).

- ☐ Identify any sections that are within the “Highway Corridor Safety Program” that promote multi-agency strategies to improve safety in high accident corridors.

ECONOMIC INITIATIVE

- ☐ Identify and describe HSP Freight and Goods improvements that are planned for the route, such as: All-weather, restricted bridges and truck system completion improvements.
- ☐ Identify and describe HSP Tourism improvements that are planned for the route, such as; shoulder widening for bicycle touring route, new rest areas, and scenic and recreational improvements.

ENVIRONMENTAL RETROFIT

- ☐ Identify and describe HSP environmental retrofit improvements that are planned for the route, such as; Storm water retrofit, Removal of Fish Passage Barriers, and Noise Wall retrofit improvements.

SECTION 5: Environmental and Roadside Preservation

- ☐ Include a SEPA checklist or modified version that provides an initial screening for potential environmental impacts.
- ☐ Identify roadside preservation issues that would be necessary in accomplishing RDP improvements. e.g. types of re-vegetation, side slopes, drainage systems.
- ☐ Identify potential wetland mitigation sites, particularly those within existing R/W limits.

SECTION 6: Public Involvement and Consistency with Other Plans

- ☐ Identify the stakeholders and their level of involvement in developing the RDP. The plan should include any stakeholder documentation that supports the plan and/or individual elements. Stakeholders would include MPO/RTPO, local agencies, community associations, special interests, etc.
- ☐ Verify that the RDP is consistent with MPO/RTPO Transportation Plans and local comprehensive plans.

SECTION 7: Funding and Implementation of the RDP

- ☐ Identify the improvements that are planned to be completed in the first 6 years.
- ☐ Identify HSP Improvements that are funded within 20 years.

- ☐ Identify HSP Improvements that are excluded from the current list of funded improvements.
- ☐ Identify all other improvements that would need funding by other sources or that may be considered in a future HSP.